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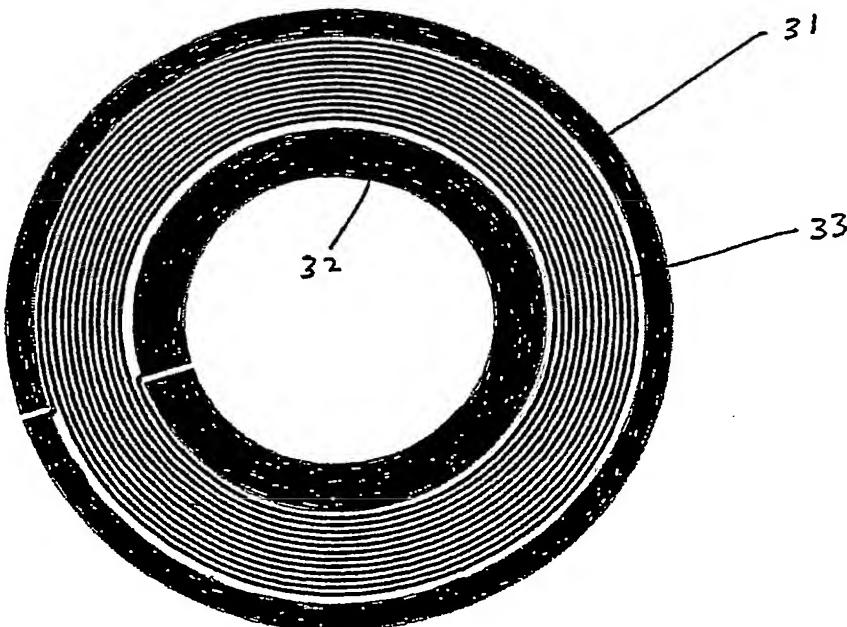
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(54) Title: NQR RF COIL ASSEMBLY COMPRISING TWO OR MORE COILS WHICH MAY BE MADE FROM HTS



(57) Abstract: The use of two or more sensors tuned to the same nuclear quadrupole resonance frequency and detecting the nuclear quadrupole resonance signal results in improved signal-to-noise ratio and therefore improved nuclear quadrupole resonance detection system performance. To further improve the SNR, the sensors may be made from a high temperature superconductor (HTS).



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